

**AMENDMENTS UNDER PCT ARTICLE 19
(ARTICLE 19 AMENDMENTS)**

International Application No. PCT/JP2004/000922

MAILSTOP PCT

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Sir:


REQUEST FOR SUBSTITUTION OF REPLACEMENT SHEETS

Please substitute the attached replacement sheets 15 and 16 of the claims containing an English-language translation of the Article 19 Amendments for sheets 15 and 16 of the claims in the enclosed English-language translation of the as-filed PCT application. It is respectfully requested that the claims in the substitute sheets be examined during examination of the patent application. Claims 1-10 are currently pending.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: April 18, 2005

By: 
Ernest F. Chapman
Reg. No. 25,961

EFC/FPD/rac

Amended Claims

1. A cocoon-shaped colloidal silica that does not dissolve in an aqueous alkali solution of a pH of 11.5 or less and more than 11.
2. A cocoon-shaped colloidal silica prepared from hydrolyzing an alkoxysilane condensate in the presence of an ammonia or ammonium salt catalyst.
3. A cocoon-shaped colloidal silica prepared by further heating under pressure the colloidal silica prepared by hydrolyzing an alkoxysilane condensate in the presence of an ammonia or ammonium salt catalyst.
4. A cocoon-shaped colloidal silica as set forth in Claim 3, wherein the temperature to which said colloidal silica is heated under pressure is 105 to 374.1 °C.
5. A cocoon-shaped colloidal silica as set forth in Claim 2 or 3 wherein said alkoxysilane condensate has an average degree of condensation of 2 to 8.
6. Polishing abrasive particles comprising the cocoon-shaped colloidal silica as set forth in any one of the Claims 1 to 5.
7. A process for manufacture of a cocoon-shaped colloidal silica, the process comprising adding continuously an alkoxysilane condensate or its solution in an aqueous solvent to an aqueous solution of ammonia or an ammonium salt or to an

ART 19

aqueous solution containing ammonia or an ammonium salt and an aqueous solvent, thereby hydrolyzing the alkoxysilane.

8. A process for manufacture of a cocoon-shaped colloidal silica, the process comprising adding continuously an alkoxysilane condensate or its solution in an aqueous solvent to an aqueous solution of ammonia or an ammonium salt or to an aqueous solution containing ammonia or an ammonium salt and an aqueous solvent, thereby hydrolyzing the alkoxysilane; and further heating under pressure.

9. A process for the manufacture of a cocoon-shaped colloidal silica as set forth in Claim 8, wherein the temperature to which said alkoxysilane condensate hydrolyzate is heated under pressure is 105 to 374.1 °C.

10. A process for the manufacture of a cocoon-shaped colloidal silica as set forth in any one of the Claims 7 to Claim 9 wherein said alkoxysilane condensate has an average degree of condensation of 2 to 8.